

# THE CAKIER

M D A R C

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THE MT. DIABLO AMATEUR RADIO CLUB WILL HOLD ITS MONTHLY MEETING at the Coast Counties Gas Co. building in Walnut Creek on Friday, March 19, at 8:00 p. m. There will be a demonstration of old time ham gear such as spark gaps, and early equipment used in the '30s. We hear there's lots of it around, so dig it out and let's have a look see! The door prize will be a '54 Handbook for some lucky member. Also have a film on tap to fill out the evening. We're trying for one on electronics, but if it's not available we'll go fishing with evenrude or someone else in technicolor. HI! Too, let's see some of the home built gear being produced in the home shack. It'll be rather informal this time, mem, so see you there.--.-- .--.--

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FROM CIVILIAN DEFENSE HEADQUARTERS: \* \* \*

Leon Pate, w6JUW, says that the communications plans are completed, and waiting for proper authorization and approval. Good going!--.-- Also, CONNECTION: last month we reported that there was new phone xmtr gear at CD Hqtr's for ham's use...This is true, however, this equipment is for ham use outside of the Amateur bands...freq's assigned to the Disaster Communications Service by part 20 of FCC rules and regulations.--.--Sorry, Guy!

Leon applied for a second station licence for the gear, and it has arrived. This call is K6EAF, and will be used by the operators whenever they fire up the rig. Start thinking up some phonetics, gang!

TVI FRONT: Well, looks like the committe is doing pretty well these days, as Harry reports! (6hVC) They cleared up one case by just calling the party who complained to find out what was the trouble and after that the interferece stopped. The party was sure it was a ham. Are there any missing around here lately?!--.--

\* \* \* \* \*

TALES OF WOE (?) DEPARTMENT:

Understand that there's been some mix-up on some of the Call-letter licence plates....Bring your sad stories to club; might be good for a chuckle. So far as reports here, the following hams have their plates in this area: W6LIL, W6LGW, W6PIR, K6AQ, K6DX, W6RRH.--.--

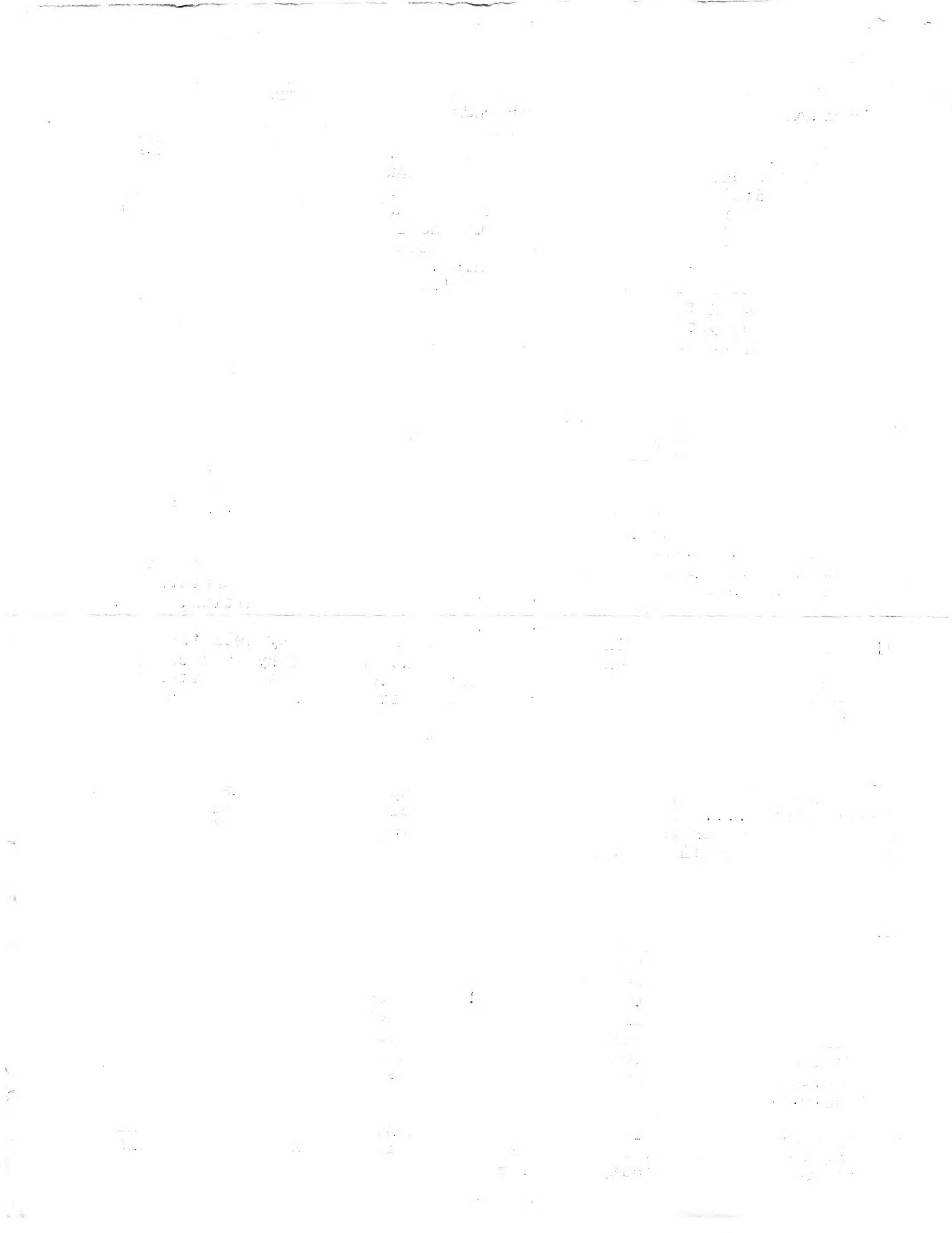
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HIDDEN XMTR RESULTS:

Well, two successful xmtr hunts have gone according to schedule since we last went to press, and the winners of the first hunt were John Hopkins, K6AQ & Harry Cameron, w6hVC. They won a little cash loot so they could pick out their own prize! The second one was held last week was won by Dick Wallace w6TCU & Jim Hilliard, w6CGS. Prize - more cash loot! They will have the task of hiding the next xmtr for the following hunt, which will come up about a week after our next club meeting (Mar. 19, don't fergit). Details will be given at the next meeting.--.--

\* \* \* \* \*

HARRY, W6hVC, has finally thot of sum new phonetics. He says he's the Rolling Vegetable Cart, with squeaky wheel. If you don't believe this, listen on 28.68 some Monday night! HI!



## YL NEWS:

Last month the San Francisco Radio Club announced that the YLs and XYLs were meeting to form their own radio club. The gals have had 2 meetings and big plans for the days ahead have been made. The club has been named YLRC of San Francisco, organized with four YLs and eleven candidates for a ticket. W6QMO, Jeri, is President & W6PCN, Peggy, Secy.-Treas. Eleanore Sloper, XYL of MXJ, has already bested the Novice exam and is waiting for her call. Another member goes down soon for the exam and two more will be ready next month. Congrats, Gals! .-.-.

\* \* \*

ANYONE INTERESTED IN Conelrad operations or construction as mentioned in CARRIER a few issues back will find an article on a complete monitoring receiver with an alarm device built in, which works on the principle of varying plate current to one of the rf stages in the Jan. 1954 issue of Electronics. This article and associated alarm switch, is interesting also for the fact that it can control any outside 110 ac switching job. Take a look!.-.-.

\* \* \*

HOW ABOUT the ham who has a mobile rig with umpteen numbers of dials & switches on the dash? I'll bet he reads the gas gauge at 250 mils and the mil-amp meter at half full! (pir)

\* \* \*

Did you hear about the termite who got a new pair (set) of false teeth and went down to the local pub to celebrate? He walked in and said, "Is the bartender here?" (rvc) (If you don't seem to catch this at first, just re-read it slowly & carefully...Hope we don't have to go into explanations! HI!)

\* \* \*

## SILENT KEYS ...

Charles W. Cross, W6NO, of Oakland, March 11, 1954, a maintenance man working for the California Highway Patrol on the Bay Bridge for the past five years.-.-.

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## LETTERS TO THE EDITOR:

Dear Ed:

I want to apologize to those who were on the hidden transmitter hunt last Friday nite for getting sore & blowing off on the air. You see, I did not have a xmtr in the car, altho I was receiving well, and was about to find the hidden xmtr when it seemed to me it went off the air. I was not aware of the rules of hidden xmtr hunts which is, I've been told that the hidden rig is on the air two minutes out of five. Well I thought the thing should be on all the time. I started home and ran out of gas, which didn't help my disposition, then when I got home I rudely told them guys I AINT going to play no more with you and went in to hold the hand of the blonde that looks after me. Well, she too wouldn't hold hands my way so I saw a guy get shot on TV. That made me feel good then I retired in peace feeling sorry for John and Harry.

Signed: W6LIL

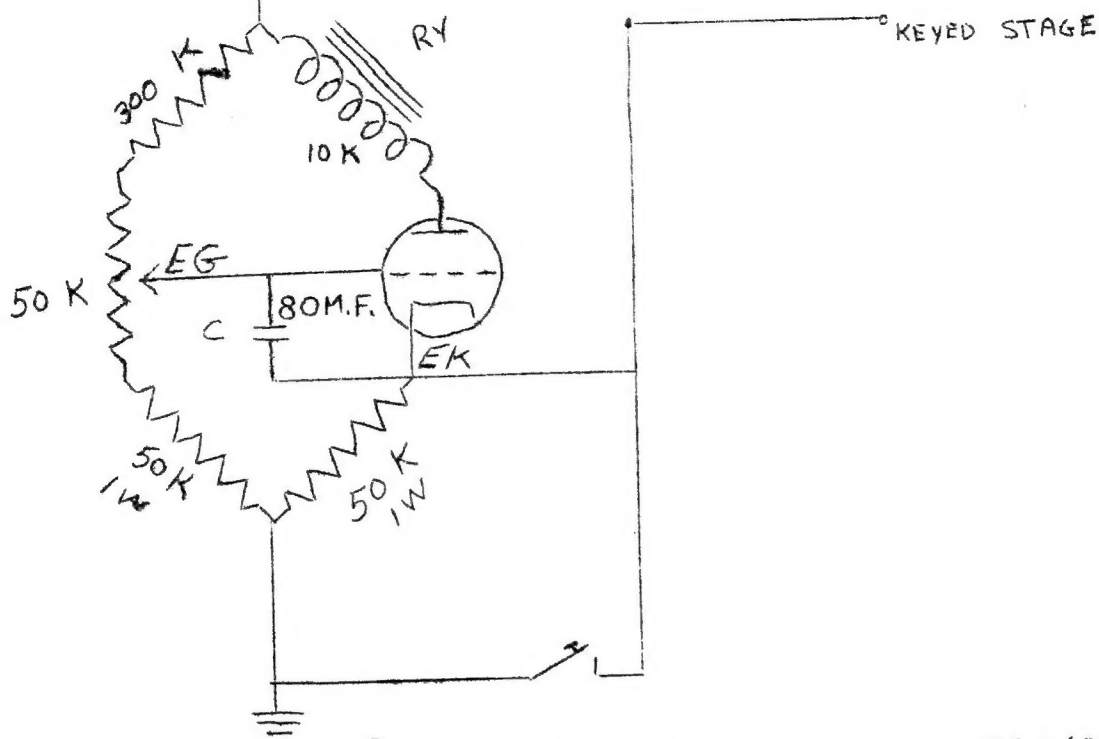
P. S. I got my licence plates.

(Also, Al suggested a doghouse section for those hams in the club who happened to pull a BOO BOO. He also suggested the drawing to go with it, so see the next page fir the first printing! ...A.Ed.)

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Handwritten text, likely a list or notes, starting with "The first..." and continuing with several lines of cursive script.

Extensive handwritten text covering the lower half of the page, appearing to be a detailed list or a series of notes, written in cursive.



# DIFFERENTIAL BRIDGE TIME DELAY CIRCUIT

BY W6OHR

A differential Bridge operates as follows: When  $E_K - E_g$  is equal to, or greater than the tube cut-off voltage, no current will flow to activate the relay. As the key is closed,  $E_K$  is shorted to zero and the condenser is charged to the potential of  $E_g$ . At the same instant current flows in the tube, closing the relay (no cut-off bias now). When the key is released,  $E_K$  is restored, but now the grid is held open by the positive charge on the condenser. The tube will conduct current until the condenser charge bleeds off to a value below the tube cut-off. It will be noted that  $E_K$  is influenced by both the relay and keyed stage tubes.. The relay is used to control the oscillator cathode, the antenna change-over, the "final" plate voltage, and the monitor plate voltage with the IF section of the receiver.--.

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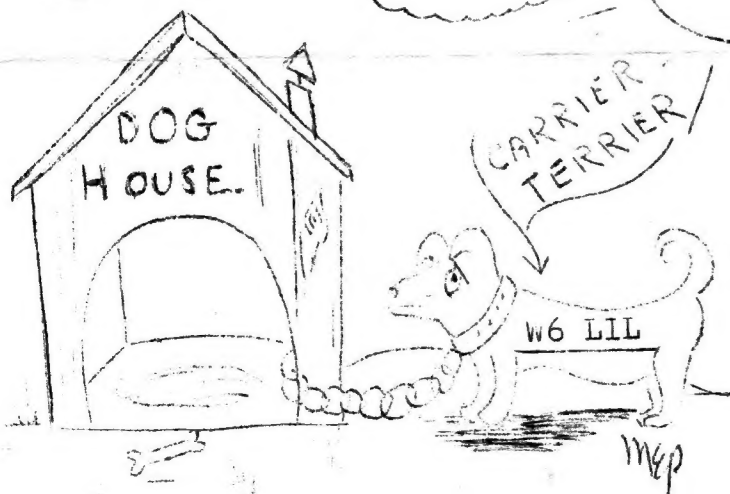
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CARRIER DOGHOUSE: (suggested by 6LIL) We'll try it; anyone pulling a big (or little) boner during the month, will find themselves in the CARRIER Doghouse.

TOUCHÉ! Ol' Dan Cupid finally contacted W6PIR for a solid Que-so and will put the K in front of the YL sometime in April--it seems. And the details?--well, not too many yet, but got a look at his tall dark and handsome picture awhile back and we can truthfully say, --"WOw!!" Any further details will have to be obtained de Mary Ellen herself. But we all wish her the greatest of success and happiness and a speedy conversion of her new Om to ham radio. (He's not a ham- tsk, tsk!)

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Reports of interference requiring FCC investigation rose from 10,124 to 21,749 in last fiscal year with TV cases predominating. Electronics, February 1954, page 24.--.



THE CARRIER

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